

DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE

Monthly Weather Review

VOL. XXXVIII

MAY, 1914

INTRODUCTION

In compiling the present Review, the principal data made use of another agreept replies observations received at this office for the purpose of weather forecasting, and reports to unvoluntary observers and storm-signal agents. For the data used in tracing the paths of are softhigh and low pressure in the United States, we are indebted to the Charlot file Weather Property Washington, D.C.

LOW AREAS.

Nine areas of low pressure were charted. Two first appeared in the environs of the Yukon Territory, one in Vancouver Island, one in Alberta, one in the Middle Pacific States, three in the vicinity of Lower California, and one over Hudson's Bay. Three of the systems passed to the northward of the Great Lakes, two over Lake Superior, one into the Lower Lake Region where it dispersed, and the remaining three a little to the southward of the Lower Lake Region. Two of the three systems which appeared near Lower California, travelled northerly over the Pacific States into the Canadian Western Provinces. The systems were in nearly all instances of little intensity, and practically no gales were experienced.

HIGH AREAS.

Six areas of high pressure were charted. One first appeared in the Yukon Territory, one on treceast line of Northern British Columbia, two to the northward of Manitoba and two on the North Pacific States coast. One area passed to the northward of, one over and the remainder to the scatt ward of the Great Lakes. The systems were for the most part quite energetic and of long duration the result being that the weather of the month over the larger portion of the continent was instanted by an anticyclonic distribution of pressure together with a sparse rankall.

ATMOSPHERIC PRESSURE

Except at Dawson, Yukon, where there was a negotive a partire to control amount of a about one-tenth of an inch. the menn atmosphere pressure for May was higher than for manths. I ferences ranging from one one-hundredth to fourteen one hundredths the latter of arring at Edmonton.

GENERAL SYNOPSIS OF TEMPERATURE AND PRECIPITATION.

The following table is intended to show the average values of temperature and precipitation for each province for the month under review. District and Provincial means would, under ideal conditions, be derived from stations situated in equi-areal squares. But since in reality they are so situate as to appear, rather, constellation-wise upon the map, anomalous values arising from local topographical peculiarities may have received more than their just weight in the computation of the following averages.

Where no difference from normal is assigned, observations over a period long enough for reference are not available.

		Тем	PERATURE	Е (Банк.).			Precipita	TION.		
PROVINCE AND DISTRICT	Mean Daily.	Mean Paily Maximum.	Mean Daily Minimum.	Mean Daily Range.	Extreme Highest.	Extreme Lowest.	Total in Inches.	Difference from Normal.	Number of Days	Greatest Fall.	STATION DIFFERENCES FROM NORMAL TEMPERATURE
Ввитья Солиман-								17			
South V neouver Island. North Vancouver Island. Lower Fraser River Upper Fraser River Okanagan and Simikatneen Valleys West Kootenay Thompson River North Columbia River North Columbia River. North Coast Queen Charlotte Islands	55 0 54.0 55.0 49 0 55.0 54.0 52 0 53 0 49 0 51 0 48 0	66 0 62.0 68 0 63 0 65 0 70 0 62 0 61.0 54.0	44.0 45.0 44.0 34.0 41.0 40.0 38.0 38.0 37.0 41.0 41.0	22 0 17 0 24 0 29 0 27 0 27 0 27 0 31 0 25 0 20 0 13 0	86 90 88 87 86 84 84 92 80 86 68	30 36 31 11 26 24 25 26 26 28 32	0 62 3.15 1 70 1 08 1.27 1 59 1 41 1,03 1 76 3 42 1 52		4 10 8 6 6 8 8 6 9 12 10	0.76 1.18 0.80 0.52 1 50 0 73 0.78 0.75 0.86 1.55 0 55	+2° to +4° Average +1° to +4° -1° to +3° 0° to +1° +1° at Nelson +1° at Elko Average to -2° -1° to +1° +1° at Bella Coola Average
ALBERTA											
North Saskatchewan River The Red Deer River The Bew River Athabaset River Peace River	49.0 49.0 51.0	63 0 63.0 66.0	35 0 34 0 35.0	28 0 29,0 31 0	84 90	14 11 17	1 59 1,50 0 75	-10 -50	6 8 6 	1.99 1.70 1.10	1° to +2° +1° to +2° 0° to +3°
Saskatchewan— Qu'Appelle River S. Saskatchewan River N. Saskatchewan River Saskatchewan Forks Lower Saskatchewan River	51 0 50 0 50 0 51 0	64.0 65.0 64.0 64.0	37 0 36 0 36 0 38 0	27 0 29 0 28 0 26.0	88 86 85 86	16 16 11 10	1 70 0 43 1.70 1.87	-15 -88 +10	5 4 6	2.05 0.78 1.16 2.18	-2° to +4° -1° to +1 5° +3° at Battleford +1° to +3°
Manitosa-							4				
Qu'Appelle and Assiniboine Rivers	53 0 55 0 51 0	66.0 69.0 63.0	40 0 41 0 39 0	26 0 27 0 24 0	90 86 88	20 19 17	2.05 1.46 1.65	+45 -18	7 7 5	2 00 0.46 1.60	+1° to +3° +5°
Ontario-											
Lake Superior Districts— Rainy River. Thunder Bay!. Algoma Nipissing. Upper Ottawa River. Upper St. Lawrence and Ottawa Rivers. Georgian Bny Counties. Lake Huron Counties. Lake St. Clair & Erie, Ningara Peninsula West Central Counties. Lake Ontario Counties. East Central Counties.	52 0 49.0 49.0 53 0 55.0 57 0 55 0 55 0 56 0 57 0 67 0	64.0 62.0 65.0 68.0 71.0 69.0 67.0 69.0 68.0 71.0	41 0 36 0 33 0 39 0 44 0 41.0 43 0 47.0 43 0 46 0 42 0	23 0 26 0 32 0 29 0 32 0 25 0 27 0 24 0 22 0 22 0 29 0	84 88 87 30 90 92 91 89 90 98 88	14 17 10 15 25 26 18 22 24 28 26 22	3.21 2.20 1.08 1.10 1.29 1.14 1.23 2.17 3.73 2.60 1.19 1.05	-60 -60 -55 -34 +21 -58 -63	8 10 3 7 6 7 5 9 9	1.51 1.12 0.96 0.55 0.49 1.00 1.07 1.32 1.91 1.34 0.72 1.03	-3° to +6° +3° at Haileybury +2° to +3° +1° to +3° +1° to +4° -1° to +4° -2° to +4° +2° to +6° +4° to +5° +1° to +4°
Quebec-											
Middle St. Lawrence Lower St. Lawrence & Gulf. Lake St. John Northwestern Districts	55 0 45 0 52 0 54.0	67 0 55.0 65 0 69.0	42.0 36.0 38.0 39.0	25 0 19 0 27.0 30.0	90 86 92 90	12 18 18 17	1.20 2.45 1.30 1.55	—55 	7 10 6 4	1.38 1.78 0.52 1.50	+1° to +3° -1° to +2° +3° at Chicoutimi +3° at Abrithi
New Brunswick-											
All Stations	51.0	63.0	40.0	23 0	92	21	1.25	-60	6	1.03	-1° to +7°
Nova Scotia— All Stations	48 0	59.0	38.0	21.0	92	17	2.38		9	2.85	+1° to -5°
Prince Eoward Islano— All Stationa	48 0	57 0	39.0	18 0	76	26	1 92	-35	9	0.60	Average

WINDS, MAY, 1914

PROVINCES AND STATIONS	d. see	Greatest Mileage in 24 hours	Greates	Mileage in Direction	s 1 Hou: Trare	- N	// v		6 t 15 -
BRITISH COLUMBIA.									
Atlin Prince Rupert. Victorin. Point Garry. Vancouver. Kamloops.	5	619	41	"	9		1+		"
ALBERTA.									
Edmonton Calgary	7 (4) 4 = 10	52 + 454	27 26	$\frac{NR}{NR}$	3		4	i	2.W
SASEAICHEWAN.									
Battleford. Prince Albert. Swift Current Qu'Appelle	1 1.4 8 7.759	5×4 531	30	NW.	5	1	13	L	711
MANITORA.									
Le Pas	5 42	Anems 494	meter out	of order					
ONTABIO.									
Port Arthur. White River. Cochrana Parry Sound. Soushampton. Pelee Island Woodstock. Guulph. Toronto Kingston.	7422 5 85 6 19 5 28 7 49 8 63 6 366 7257	371 300	34 22 26 21 35 24 meter out 25		9 37 29 26 12 25 22			1.11	" " " " " " " " " " " " " " " " " " "
StonecliffeOttawa.	3 -44	189							
Quesso.									
Montreal. Sherbrooke. Quebec. Father Point. Anticosti, SW. Harrington.	9502 \$118 7709 9163 1 541	492 441 518 529 646	29 39 29 29 55	W W SE	24 22 24		16	1 -	2, 2, n 2, 1 1, m 2, 1 8, 1 1, m
NEW BRUNSWICK									
Pt. Escuminac. Fradericton. St John. Pt. Lapreaux	5385 7366 8125	458 543 524	25 33 42	SW W E	25 24 9		7 15	15	1. H = H
NOVA SCOTIA									
Yarmouth	7476	449					14	13	W
Wolfville	5326 13189 7894	448 813 548	36 42 39	SW N NE	25 25 25	5 11 5	12 13 14	10 10	14 25 × 211
PRINCE EDWARD ISLAND									
Charlottetown	5.71	415	1			1	6	12	8.4.1

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA. MAY, 1914.

*Stations not furnished with Registering Thermometers

		1				′1	l EMPE	IAII RE				Pre	IFTIATIO'	٧	топе			
STATION.	Latitude N	Long:tude W	Elevation above een level, in feet	Меав	Difference from	Yrs Observations	Highest	Гэте	129 to 1		Mean dally range.	Amount	Difference from	llieavitet (all it ii vith	Trayswith Olorme	Ö	o. o	No of thunderstorms
British Collissia- S. Vancouver Island Alborn (Beaver Creek) Clayoquot. Clo-958 Cobble Hill Cowicisn (Tsouhalem) Departure Bay. Gillis Bay. James Island Ladysmith. Lazo (Lutle River). Nanoise Bay. Qualicum Beach. Sait Spring Island. Shawingan Luke. Sidney Sooke Victota N. Vancouver Island Alert Bay. Hollorg Mary Island Quatsino.	49 11 49 40 48 25 49 40 48 49 40 48 57 49 44 49 10 49 17 48 37 48 37 48 37 48 27	127 0 128 18 127 10	300 27 33 170 12 125 135 130 25 85			16 2 1 8 2 2 1 1 1 1 3 3 1 5 1 1 4 1 1 4 1	85 0 19 0 81 5 81 4 85 5	22 31 12 23 23 24 22 21 23 22 23 23 22 23 23 24 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24	36 0 38 5 35 0 42 0 40 0 38 5 42 0	3-20	3 3 2 8 1	1 07 2 65 0 96 9 31 0 76 0 35 0 23 0 16 0 31 0 31 0 35 0 23 0 16 0 31 0 35 0 18 0 23 0 16 0 31 1 39 0 23 0 16 0 31 1 39 0 23 0 16 0 31 0 23 0 24 0 25 0 25 0 25 0 25 0 25 0 25 0 25 0 25	-3 74 -1 94 -1 194 -1 17	0 33 0 76 0 13 0 20 0 12 0 46 0 31 0 14 0 21 0 20 0 14 0 20 0 14 0 20 0 14 0 20 0 14 0 20 0 32 0 17 0 32 0 32 0 17 0 17	8 7 7 7 6 5 6 6 6 3 6 3 5 5 4 6 6 3 7 7 5 5 5 4 8 122 7 7 13	24 24 26 26 25 25 25 25 27 25 28 27 28 24 26 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29		
friangle Island Lower Fraser River Agassiz Britannia Beach Chilliwack Hope Ladner Now Westininster North Nicomea Pemberton Hatchery Pemberton Meadows Ruskin (Stave Falis) Stoveston(Carry Point) Vancouver Upper Fraser River Babine Lake Barkerville Chilectur (Big Creek) Cranberry Lake(South Frk) Fifteen Mile Ranch(Pavillon) Fort George	149 14 40 39 49 10 49 20 49 05 49 05 50 29 49 16 49 21 49 17 55 38 53 02 51 46 119 20	121 31 123 5 121 57 121 57 121 25 123 4 122 64 122 2 122 33 122 40 122 23 123 17 123 5 120 50 120 50 120 50	52 1165 21 500 330 59 125 136 4180 3100 2400	57 4 58 8 54 7 86 2 58 1 53 1	+ 2 I - 0 4 + 2 5 + 3 2 + 3 8	222 1 13 5 16 25 22 6 2 5 19 14 6 76 11 1 1 1	85 0 86 9 85 0 85 0 74 0 85 3 88 0 85 0 85 0 85 0 85 0 87 0 81 6	22 21 22 22 22 22 22 22 22 22 22 22 22 2	56 0 39 0 34 0 35 5 36 0 38 0 31 0 30 5 37 0 39 3 24 5 23 0 20 0	4 1 4 25 4 4-5 4 5 4 5 4 4 5 4 4 5 4 4 5 4 4 4 5 4 4 5 4 4 5 4 5 4 4 5 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 5 4 5 4 5 5 5 4 5 5 4 5	30.0 18 4 24 3 22 2 22 8 24.7 28 3 29 2 17 7 19 5 30 7 23 5 1 22 5	3 55 t 48 1 97 3,10 0 45 1 10 15 8 0 76 2 65 3 0,74 0 20 3 22 0 72 0 89	$ \begin{vmatrix} -1.72 \\ -1.87 \\ -1.18 \\ -1.05 \end{vmatrix} $ $ -1.73 \\ -2.54 $ $ +0.70 \\ +0.35 \\ $	0 64 0 43 0 76 0 40 0 78 0 78 0 23 0 23 0 80 1 0 41 0 10 1 0 52	12 8 11 10 2 8 8 9 9 9 5 6 6 2 13 4 4	23 20 21 29 23 22 22 22 22 26 25 29 18		3 3 3 1
Fort 8t. James (Stuarts Lake) Hydraulic Quesnelle. Okanayan and Similkameen Valleys Duck Lake Ranch Hedley (Nickel Plate) Keremeos Kelowan (Okanagan Mission Kelowan (Bankhead Cre'd) Penticton. Princeton Richlande Summerland.	49 1: 49 2: 49 2: 50 1: 49 3:	2 122 5 122 30 3 119 20 5 120 10 119 59 5 120 0 6 119 29 119 35 120 29 118 35 119 40	1100	43 6 50 5 52 1 56 7 43 7 59 0 55 4 52 6 6 4 52 6 55 5 5	+ 0 6 + 0 6	18 2 18 18 9 0 5 16 1 2 7 20	73 0 87 0 83 0 88 0 73 0 81.0 79 0 79 5 81 5 87 0 84 0 85 0	31 31	11 0 15 0 27 9 31 0 20 0 40 0 28 0 34 5 32 0 25 0 35 9 32 0	1 5 6 5 4 27 5 5 4 5 5-6 4-5 5-29	30 4 35 9 31 5 26 7 24 4 20 1 29 5 27 1 33 0 33 4 25, 2 27 1	0 43 0 89 1 21 2 70 0 50 0 87 0 91 1 22 1 33 1 44 1 1 1	+0.45 +0.45 -0.25 -0.25 -0.00 -0.25 -0.00 -0.25 -0.00 -0.25 -0.00 -0.25 -0.00 -0	0 31 0 37 0 93 1 50 0 26 0 37 0 36 0 41 0 61 0 63 0 63	5 4 4 6 6 7 7 8 6 7 7 8 6 7 7 8 6 7 7 8 6 7 7 8 6 7 7 8 6 7 7 8 6 7 7 8 7 8	26 26 27 27 25 25 25 24		3
West Kootenay Boswell Crawford Bay Creston Enst Arrow Park Fauquer Grand Forks Greenwood Howset Kaslo Nakusp Nelson Pend d'Oreille (Waneta) Perry Siding Rossland Westley	49 1 49 4 49 5 49 5 49 5 50 1 49 5 149 5 49 49 49 49	9 116 41 5 116 45 6 116 33 4 118 6 2 118 27 1 118 6 8 117 0	2000 1985 1413 1746 2400 1752 1760 2260 1700 3400	54 1 54 1 52 9 53 7 54 0 56 1 52 7 52 5 55 0 53 5 54 1	+13	2 2	84 0 80 0 80 0 82 5 85 0 79 0	31 31 31 31 31 31 31 31 31 31 31 31 31	31 0 33 0 0 30 0 30 0 30 0 32 0 24 0 38 0 36 0 30 30 30 30 31 0	27 27 5-6 28 4 5-7 5-7 5-28 28 27 7-28	26 0 t 25 d 27 d 31 2 27 d 31 2 29 5 3 5 4 22 1 5 26 6 7 28 6 27 6	0 66 1 32 2 2 2 1 77 1 3 3 0 8 8 1 4 4 0 9 1 7 1 6 6 1 9 2 8 8 1 7 7	3	0 6 0 3	5 1 1 1 1 3 3 5 5 1 5 1 5 1 1 5 1 1 5 1 5	2 is		2
East Kootenay Cranbrook. Fernie. Fruitlands (Elko). Gateway Invernete. Wilmer Thompson River Armstrong Asheroft Chinook Cove. Enderby. Harper's Ranch Kamloops.	50 3 50 3 50 3 50 3 50 3	119 11 12 119 7 32 119 7	3305 2684 2650 3300 7 1180 7 1180 1245	52 4 49 6 53 8 51 5 51 8 50 9 55 0	+ 0 9	1 2 5 2 2 1 11	74 5 81 1 77 8 83 0 74 0 84 0 87 0	31 31 31 15-31 21 15 31 31 31 31 31 31 31 31 31 31 31 31 31	26 H 28 H 28 G 30 G 25 S 28 G 28 G 28 G 28 G	$ \begin{array}{c cccc} 7 & 7 & 29 & 7 \\ 7 & 29 & 7 & 6 \\ 7 & 6 & 7 & 7 \end{array} $	29 5 27 4 22 6 32 2 27 8	1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	14	$\begin{bmatrix} 0 & 2 \\ 0 & 7 \\ 0 & 7 \\ 0 & 7 \\ 0 & 3 \\ 0 & 4 \\ \end{bmatrix}$	7 1 6 8 0 8 5 1 6 6	6 23 1 26 9 23 8 7 2 7 2 4 2 2 5 2	3	1

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMESTICN OF LAND

*Stations not furnished with Registering Therine meters

							I (P.	112.11									
STATION.	Latitude N	Is ngotoda W.	Flevation above sea level, in feet	Mean	Difference from average	Yrist barrather.	Highest	Тыге	Cowners.	***	Very Break of Apr	An-unt	6 · · · · · · · · · · · · · · · · · · ·			n a	THE CONTRACT OF THE CONTRACT O
ВRITISH COLUMBIA - Con,	e 1	0 r															
Monte Creek	50 3	5 119 5	(156	51.9		1	×2 0	3/	23	4 1 .							
Nicona Lake Salmon Arin Salmon Arin (Exp. Farm) Lappen Franquille Vavenby	50 4	9 12 (a) (2 11 y 55) 1 12 (2 6 115 45)	2,20 1162 1350 1450		+ 11 8	19 13 3 2 6 4	757 72 72 72 00 00 00 00 00 00 00 00 00 00 00 00 00	31 31 31 31 31	30 H 30 H 35 H 35 H 36 H	5 h	24 23 3 to 10 3 to 12	1		41			
Corth Columbia River Glacier Golden	51 1 51	4 317 2 ·	4072 1476	43 N 5+5	- 0 5 - 0 8	15	65 P 79 O	23 24-31 31	26 6 26 6		1 + 1 27 - 1 27 - 1	î	* 11	**	2.		
Reveistoke \orth Coust Beila Coola, Prince Rupert	52 1	6 416 5 0 425 54 8 150 18	2550 150 170		+ 1 5 + 0 7	16		21 21 22	32 0 35 0 38 0		21	1 27 2 22 6 41		13	10 ±1 14 b		
Stewart	56	1 13 () 9 128 (0	215 545	49.5	,.	i	81 +)	21 7-	\$×.0	2	24.5	1.64	-	1 3'	11 -		
Ikeda Bay Massett Takon Boundary	53 5	7 131 7 8 132 9 134 58	5 10 2240	46 9 48 5 42 5	- u 5		60 0 78 0 67 5		37 0 32 0 25 0	16	11 S 11 T 22 1	1 52 1 52 0 56	- "1	0.55 0.20 0.3	1). 16		
Atlin YUKON— Careross. Dawson	60 1	1 134 34 4 139 2 +	2171 1200	41 2 40 6		5	b7 0	23 20-24	20 0 21	3	$\begin{array}{c} 23 & 7 \\ 2 & 4 \end{array}$	1.04	1 - 9	0.76	4 27		
Alberta — N. Saskatchewan River Campsie	54	8 114 42		48 3 52 9	_	2 2	78-2 83-0	31 21	20 1 27 0		3 1 5	0.25	_	0.10	4 -	2	1
Coronation Daysland Edmonton Endiang Halkirk (Emisburg) Lloydminster	53 3 52 52 1	32 112 17 33 113 30 0 112 3 7 112 10 (8 110 b)	2155 2795	49 1 5+ 1 46 1 45 9 - 3 6	- 0 0 + 1 7 -	31 31 4 5 2	18 0 48 0 15 0 82 0 90 0	31 24 25 51	25 0 29 2 24 1 23 0 30 0	11 10 11 10 4 30	26 1 14 3 27 1 25 0 26 3	3 16 1 84 1 94 1 35 0 86	F 0 05	1 35 0 86 0 50	5 25 10 2 3 6 2 6 3 7		3
Loveland Ranfurly (Waitefield) Sedgewick Sidnen Vermilion	53 2 52 4 53 5	00 111 59 99 111 38 17 111 44 34 114 15 92 110 50	2 000	48 N 50 5	+ 2 1	10	77 8 80 0	31 24 31	21 5 21 5	10 5 6	31 4 26 9 1 1	1 17 3 72 1 08		0.70	5 2 1 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	1 3 4 2	
Wastina	52 8	39 111 5 58 113 23	2480	46 4 40 9	 + 1.6	2	79.0	15 24	26.0		30.5	0.58		0.21	3 2	,	1
Alix Alsask Clemens	51	24 113 10 15 114 44 38 112 25	2585	48 3 54 0	=	1 2	83.0	16 16	20 0 25 0	19	27 7 2 6			0, (b	5 2 2 3 7 2	1#	1
Delia Didsbury Harmattan Hillsdown Lacombe (Ex. Farm) Moose (Tyrol) Olds.	51 4 51 52 1 52 5 51 51	40 114 8 45 114 23 14 113 29 58 113 44 15 110 30	3300 3500 2440 2783	45.7 47.0 49.6 47.9 48.8 47.3 49.1	+ 1 4 + 1 9 - 0 6	10	20 0 77 3 78 1 76 5	31 24 24 24	22 0 17 0 25 3 24 3 10 5 23 0 21 0	5 11 11	25 4 32 3 27 5 29 6 30 3 28 6 3 1 9	0 79 1 24 1 23 1 25 2 55 0 84 0 9	0 80	0 92 0 87 1 00 0 33 0 70	X 6 6 7 1 5 7 1 5 7	;	:
Perbeck	52	58 113 5 16 11 19 51 151 12	28 06	46 9 47 0	-14	14	78 0 78 0	31 31	24 () 25,0 18 ()	16	28 7 27 6 31 7	5 mit 2 2 1	† 2 43 	1.70	: -4		3
Brooks Calgary Claresholm Expanse Coules	51 50	34 11 54 2 114 2 2 115 5 50 112 54	2427 2052	49.7 50.8 49.4 50.8	+20	30 1 1	52 0 72 0	31	22 0 22 0 11 0	4	29 0 23 4	0 02 0 07 0 16	-J (a)		, 13 , 18		1
Gleichen High River Lawrence (Parkland). Lethbridge (Exp. Fatm.).	50 50	95 113 19 16 113 26 43 112 51	3304 3500	52.7 51.3	+ 0.3	. 6	94.0 19.0		25 0 11 7	. 7	1.6			2			
I on Dreck Madeod Medicing Hat Medicing Hat (Ex Farm)	50	14 113 24 1 110 37	3128 2143		+ 0 8	3.1	50.0	31	2 1 0 25 0 17 0	f ₁	114		-1 1	5	1	1	,
Okotoks Pekisko Ronolane Strathmote Suffield	50 50 51 50	43		48 5 43.9 54 7 46.3 50.4	-	2 4 1 2 1	74 0 86 8 8 0	30 31 31 13	19 4 19 4 7 2 19 0	5 4	32 6 32 6 31 6	0.01 0.49 0.12					
Sundial Rocky Mountains Banff Brazeau Forest (Coal Spur	51	10 115 34 40 114 30	4542 4225	45,6	F 0 7	7 19 2	77 3	i or	21.2	7	25 4	1.45		+ ÷	. 1		
Athabasca River Athabasca Landing Edson	54	43 - 112 17 33 - 116 25	1650	45.6	-		79 (21	2) 0	10	12	1 11		.1	.*		
Jasper Lunnford Pembirs	,,,,	33 114 19 12 114 0													19		
Peace River Beaver Lodgs Dunveyan Fort Varmilion Fort Vermilion (2).	55	20 119 24 56 118 38 27 118 3	1305			2	73	11	<u>"</u> 0 (2 - 7						
Fort Vermilion (2)		15 11° 15															

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, MAY, 1914.

*Stations not furnished with Registering Thermometers

Property of the Control of the Contr		1							-										=	==
				e			ľ	EMPER	ATURE			_	Prec	IFITATIO:	N.	more.			200	
STATION	Latitude N.		Longitude W.	Flevation above sea level, in feet	Mean.	Difference from average.	Yr's observations	Hipphest.	Date	Lowest	Inte	Mean daily range.	Amount.	Difference from average.	Heaviest fall in nionth	Dave with .01 or r	No. of fair days.	No of Auroras.	No. of thunderstorms	Do et're
SASKATCHEWAN-																				
$QwAppelle\ River$	۰	,	0 /																	
Broadview Brownhill (Grenfell P.O.). Buchanan Crescent Lake Estevan Fort Qu'Appelle Hubbard (Drumague) Humboldt Imperial Indian Head Manor Kamsuck Moose Jaw Moose Jaw Moose Jaw Moose Jaw Whitewood Yarbo (Fairfield).	50 50 50 50 50 50 51 51 52 51 49 51 50 50 50 50 50 51 51 52 51 50 50 50 50 50 50 50 50 50 50 50 50 50	23 242 59 69 47 5 5 122 243 30 21 0 0 25 20 27 30 49	102 33 102 53 102 53 102 25 103 4 105 23 103 47 105 23 103 40 105 23 103 40 105 23 101 52 101 52 105 35 101 65 105 23 105	1960 1957 1658 1858 1924 2064 2075 1759 1884 1870 1879 2115 1885	50 8 50 2 50 2 51 54 4 47 55 49 4 6 50 7 51 6 51 4 50 5 51 49 9	- 1 4	25 9 9 3 3 8 3 4 4 5 3 8 3 1 9 0 3 1 1 7 3 5	82 0 50 9 88 0 86 1 80 0 83 0 87 0 87 0 87 0 87 0 88 0	26 24 16 25 27 27 17-25 27 16-27 27 27 27 27 27 27 27 27 27 27 27 27 2	20 0 22 1 24 0 20 0 20 0 21 0 22 0 25 6 21 0 21 0 21 0 22 0 25 0 21 0 22 0 21 0 22 0 22 0 21 0 21 0 21		31.5 26.4 25.2 46.0 31.8 24.3 25.4 25.6 20.0	2.76 1 36 1 62 2 08 57 1 57 1 57 1 58 1 70 0 75 1 69 2 44 1 60 0 84 2 59 2 22 1 9 0 9 5 2 38	-0 40 82 	1 25 1 02 0 23 0 55 2 0 9 0 39 0 78	6 8 5 4 2 2 7 4 4 3 3 4 4 3 3 5 4 4 8 8 6 6 5 8 8 8 8 8	23 26 27 29 24 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28		3 1 2 3 2 3 	
S. Saskatchewan River																				
Chaplin, Kindersley, Kindersley, Kintonel (Divide), Kelvinhurst (Nashlyn), Larchmount (Pambrum), Rathmullen Swift Current,	49 51	28 38 46 21 20	108 10 109 29 108 57	2202 3500 2500 2439	51.1 48.3 48.9 50.8 49.4 53.8	-1 0 - - + 1 5	2 6 3 4	83.0 78.0 74.0 81.0 83.8 86.0	31 28 19 16 28 28 27	21 0 18 0 17 8 18 0 15 0 16 0	6-11	31.8 29 2	0 36 0 30 0 88 0 47 0 38 0 17		0 16 0 78 0 40 0 25	2 3	29 29 28		1 2	1
N. Saskatchewan River																				İ
Anglia Battleford Lloy-dminster Luseland Onion Lake. Prince (Meota) St Walburg Scott (Ex. Farm) Waseca.	52 53 52 53 51 53 51	41 18 6 52 0 36 59	101 10 108 20 110 0 109 34 109 59 108 20 109 9 109 30 109 29	1620	50 6 51 4 42 8 50 5 49 8 48 7 49 0 61 6	+ 2 8	54 . 4 ~ 1-21-41	84 0 85 0 79 0 80 0 83 0 79 5 82 9 80 0	24 16	11 0 27 0 17 0 26 0 18 0 23 0 48 4 19 0	11 16 9 11	24 3 30 6 28 1 28.3 27.7 30 0	1 28 2 86 0.57 2 46 1 24 1.15 2 38	+1 17	0 81 1 16 0 27 1 68 0 69 0 24 0 92	1 1	3 28		1	
The Saskatchewan Forks																				
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Manitoba— Qu'Appelle and Assini-																				
boine Rivers Boissevain. Brandon. Carman. Cypress River "Hillview. Minnedosa. Ninette. Ninga. Pierson Pipestone. Portage la Prairie. Portage la Prairie (2) Russell St. Alban's (Treesbank) Souris. Trehorne. Virden.	49 49 49 49 50 49 49 49 49 49 49	51 31 31 31 31 31 31 31 31 31 3	99 57 1 98 0 1 99 50 5 100 35 5 99 50 1 99 50 1 101 5 1 100 5 1 100 1 2 100 1 3 98 40	1176 872 1232 1400 1699 1363 1649 1531 1400 1531 1400	45, 4 50, 9 52, 5 52, 1 52, 6 57, 1 53, 3 54, 8 54, 6 54, 8 54, 8 54, 8 54, 6 54, 8 54, 6 54, 8 54, 6 56, 8 57, 6 57, 8 57, 8 57	- 0 · · · · · · · · · · · · · · · · · ·	9 25 8 30 3 4 10 5 27 0 21 0 28 1 19	80 0 80 6 85 0 83 0 84 0 85 0 85 0 82 0 89 5 80 6 85 0	27 28 16-30 16-27 26 26 25 28 26 26 28 27 26 27 28 29 20 20 20 20 20 20 20 20 20 20	30 0 24 0 22 0 23 0 25 0 22 0 21 4 36 7 22 0	12 14 14 19 12-14 10 13 13 11 13 14 15 16 17 18 19 11 11 11 11 11 11 11 11 11	27.4 26.5 27 1 23.8 25.5 26.0 25.4 23 7 5 27 9 26 9	1.66 2.28 1 92 2 07 3 14 1 44 3 3 4 0 77 1 92 2 55 1 30 2 10	3 +0.9 -7 +0.2 +1.3 - - - - - - - - - - - - -	0 83 2 1 03 0 1 03 0 80 0 80 1 70 2 2 0 93 3 1 2 0 40	3 1 3 3 7 7 17 17 17	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 6 0 7 6 4 .6 8 2 2 7 0	1	1 1
The Red River		3 1	09 20	1.	55 6	+ 5	2 12	86 0	25.28	19 () 1:	30.7	1 1:	5 _	0.4	6	6 ['] 2	5		3
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Manitoba—Continued Dauphin Lake and River Berens River Dauphin Moose Horn Bay(Aitkensville) Swan Lake	52 18 97 2 54 8 160 51 15 69 3	2 957 3 810	45 0 52 2 49 0 53 7		4 8	7 · · · · · · · · · · · · · · · · · · ·	7 245	12 ((-				
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Rainy River Dryden. Fort Frances. Ignace Kenora Rainy River. Shoal Lake Sioux Lookout	49 44 0 3	5 2 1102 6	5) 7 5 9 51.6 51,2 50.5		1 8 15 8	9 0 4 0 3 0 3 0	27 29 27 27 26 21	22 (30 0 14 0 31 0 18 0	10 10	- 1 = 1 : 4 : 25 · 0	1				
Thunder Bay Heron Bay Kakabeka Falls Nipigon Oscar Port Arthur Savanne Schreiber	48 18 86 1 48 20 89 2 	6 912 :: 2 644 S 1506	51.4	+3.7	6 8 13 8 1 7 33 8 13 8	6 8 6 0 0 0 0 8 4 2 8	5-1 25 27 26 26 26 27 27 27	19 0 20 0 20 0 17 0 28 1 18 0 21 2	11 11 11 11 11	23 5 32 6 29 7 44 0 26 6 28 2 15 2	1 65 - 04 1 54 3 36 1 75 2 77 1 74	. 1	\$1 1		1 5
Hyoma Bisco Bruce Mines Chapleau Copper Cliff Grassett Porcupine Providence Bny. Timmins (Wawaitin Falls) White River	47 40 82 1 46 18 83 5 47 48 83 2 46 30 80 5 48 20 85 2 45 40 82 1 45 40 82 1 48 35 85 85 8 48 40 81 3	5 595 5 9 4 1252 1 855	51 4 50 8 42.0 50 6 48 5 50 4 48 7		1 8 1 8 3 8 3 7 2 8	3 3 1 0 1 0 7 0 5,0 6 0 1 5	26 - 29 - 25 - 30 - 5 - 26 - 28 - 26	18 9 	. 16 . 11 . 11 . 13 . 17	29 5 29 3 29 6 31 9 37 1 31 6 33 4	1 58 0 90 0 4 0 () () 1 5) 1 84 0 81	1 (1	1 3'		2
Nipissing Cochrane Haileybury Iroquois Falls Montreal River	49 2 81 9 47 29 79 39 48 45 80 9 47 8 79 2	9 687 1 850	51 5 51 6 53 1		9 5	0 0 7 8 0 0	20 26 26	15 0 22 5 	11 11	27 ± 25 ± 13 =	1 5 6 5 5 (5	2			
Jpper Ottawa River Rutherglea (Lake Talon) Stonecliff (Rockliffe)	46 15 74 46 46 9 78					5 0	29 27	25 0 25 0	12	31 2 32 1	E la	111	*,		
Jpper St. Lawrence and Lower Ottawa Rivers Almonte. Bloomfield. Hillier Kingston Montague North Gower Ottewa Renfrew.	45 12 76 13 43 59 77 2 44 13 76 23 44 56 75 1 45 8 75 4 45 26 76 3	260 285 2	57 9 55 2 55 8 55 1 56 1 54 1 54 5 58 4 58 4	+ 1,3 1 + 2 3 	16 80 77 80 87 7 80 80 80 80 80 80 80 80 80 80 80 80 80	2 0 0 0 7 0 7 2 6 0 4 5 6 0 1 0	26 27 22 21 10 27 27 27 27	25 0 51 0 31 0 30 4 28 50 1 50 1	44					4	
Georgian Bay Counties Bertrie. Bentriee Big Chute (Buskin P.O.). Coldwater Collingwood. Gravenhurst Huntaville. Midland. Markdale. Menford. Orillin Owen Sound. Parry Sound. Ronville. Sundridge. Tobermory.	44 23 79 4 45 8 79 23 44 42 79 33 44 38 79 44 44 31 80 5 44 54 79 2 45 19 79 5 41 10 80 3 44 32 79 2 11 31 80 5 5 15 78 5	800 800 655 600 2 1 1 1 1 1 1 1 1 1 1 1 1 1	51 4 56.6 55.2 56.6 53.6 54.4 55.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 55.6 65.5 66.6	+ 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 mm /	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 26 27 27 27 27 27 27 20 27 20 27	- 10 - 17 - 18 - 18 - 18 - 18 - 18 - 18 - 18 - 18	1 15		1				
Lake Huron Counties Birnam. Brucefield (Clinton) Lucknow *North Bruce Ridgerest (Goderich) Southampton	43 2 51 5 43 30 51 3 43 55 51 3 44 23 41 2 43 45 51 4 44 30 51 2	7 0 908 5	57 7 55 3 53 1	1 2 7 1 2 0 1 1 4 1 1 9	11 .					**					

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, MAY, 1914.

Stations not furnished with Registering Thorniometers

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STATION	Latitude N.		Longitude W.		Elevation above sea level in feet.	Mean.	Difference from average.	Yr's Observations	Highest	1)ate	Lowest	Date	Mean daily range.	Amount	Difference from Average.	Heavest fall an month.	Days with Ut or more	No. of fair days.	No. of auroras.	No of thunderstorrage.	l No of fogs.
ONTINIO-Continued- Lakes St. Clair & Erie, Niagara Peninsula	•		0	, ,														,			
Chatham Cottam Dutton Ortmeby Peleo Island Port Burwell Port Dover Port Stanley St. Catharines Stoney Creek Wallaceburg Welland Windsor	42 42 12 43 41 42 42 43 43 42 42 42	13 50 39 27 40 9 13 35	82 78 82 83 89 81 79 82	12 45 32 35 55 13 17 45 24 17	505 506 585 502 655 502 347 292 577 625	55 4 58 1 59.2 54 6 57 1 53 7 55 2 57 7	$ \begin{array}{c} + & 3 & 7 \\ - & 2 & 0 \\ - & \\ + & 1 & 2 \\ + & 3 & 2 \\ + & 0 & 7 \\ + & 3 & 9 \\ + & 1 & 8 \\ + & 1 & 0 \end{array} $	27 26 2 5 11 39 38 30 9 28 39	91 5 90 0 87 0 87 0 87 5 74 9 85 0 85 0 87 0	$\begin{array}{c} 26 \\ 26 \\ 25 \\ 25 \\ 25 \\ 25 \\ 26 \\ 27 \\ 26 \\ 27 \\ 27 \\ 26 \\ 27 \\ 27$	34 0 24 0 18 0 35 0 36 0 31 0 30 4 33 0 33 0 31 0	1-2 1 1-2 1 1-2 1 1-2 2	25 1 26 8 25.7 22 4 17 9 21 1 19.2 20 9 22 4 22 0 19 2	4 66 9.58 3 18 3 61 3 69 4 29 3 39 5 22 2 61	+0 98 +0 92 -0 46 +0 17 +0 33 +0 90 -1 24 -0 29 +1 49	0 77 1 23 0 92 1 47 0 83 1 75 0 65	6 6 10 10 11 14 7 3 8 9	25 25 21 20 17 24 22 23 22		3 6 2	4
West-Central Counties Alton Brantford Elora Gue'ph Listowel London Paris Shelburns Stratford Woodstock	43 43 43	10 41 33	80 80 80 81	5 21 24 16 58 13 25 47 0 47	1259 750 1274 050 1262 808 840 1191 980	57.9 56.7 57.2 55.7 57.8 59.6	+ 3 2 + 2 3 + 4 7 + 4 1 + 2 3 + 1 3 + 6 6	25	83 7 83.0 87 0 88 0 87 0 89 0 90 0	27 29 29 29 29 29 29 24 26–28	29 0 30 0 28 0 30 5 29 0 28 0 32 0	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23.0 24.0 28.6 4.3 21.4 25.9 75.7	1.38 2 01 1.62 2 42 3 t3	-0 87 +1 77 -0 36 -1 03 -1 96 +0 78 +0 47 -1 05	1 34 0 41 0 46 0 53 0 82 0 82	8 7 12 4 11 10 	23 23 24 19 27 20 21		3 5 1	1
Lake Ontario Counties Agmeoutt. Aurora Georgetown Banniton Oshawa Toronto Is (Lakeside Home) Uxbradge Wexford	43 43 43 43 43 43 43 43 43	47 57 38 16 53 40 40 5 44	79 79 30 79 78 79 79 79	16 24 2 54 52 24 24 8 17	500 886 303 331 350 886 555	57 6 56 2 57 7 53 4 55 3 58 6 54 3 56 6 55.3	$\begin{array}{c} + \ 3 \ 6 \\ - \\ + \ 4 \ 1 \\ + \ 5 \ 0 \\ + \ 4 \ 1 \\ + \ 3 \ 5 \end{array}$	20 6 1 39 5 73 15 16 3	87 0 85 3 88 0 87 0 87 0 88 0 88 0 85 0	26 26 26 26 22 21 30 26–27 26	30 0 28 0 31 7 33 0 32 0 34 8 35 0 26 0 30 0	1	21 1 24 9 21 7 21 3 22 0 22 3 21 3 25 0 22 0	1 20 1 42 1 21 0 44 1 50 1 18 1 41	$ \begin{array}{r} -2 & 36 \\ -1 & 62 \\ -1 & 35 \\ -1 & 70 \end{array} $	0 ² 2 0 30 0 27 0 49	$ \begin{array}{r} 9 \\ 4 \\ \hline 11 \\ \hline 4 \\ 10 \\ \hline 6 \\ 8 \end{array} $	22 27 20 		2 5 2 4 	2
East-Central Counties										0.7	93.6	1	48. 1	0.59	0.04	0.57	1	30		1	
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QUEBEC-																			1		
Middle St. Lawrence Bark Lake Depot. Beaucevide Bronne Cap Ronge Cedar Rapids D'Israeli Drummondville Huberdeau Huntingdon Jojette Lake Megantie MacDonald College (Ste Anne de Bellevue) Montreal Nicolet Nomining Quebec St. Lin Shawbridge Shawbridge Shawbridge Shawbridge Lower St. Lawrence & Gulf	46 46 45 46 45 45 45 45 45 45 46 46 46 46 46 46 46 46 46 46 46 46 46	46 21 55 30 59 5 2 35 27 48 43 43 54 34	75 70 71 71 74 74 74 73 70 73 72 75 71 73 72 75 71	20 45 36 15 5 21 30 41 10 25 35 36 0 13 47 3 43 43 53	557 678 132 896 900 1314 187 296	53 6 52 7 57 2 51 0 56 1 55 8 57 3 54 0 54 0 55 8 56 3 54 0 55 9 49 8		1 1 30 1	86 0 86 0 88 0 86 5 88 0 81 0 81 0 81,0 87,2 87,0 81 0	28 28 28 27 27 27 22 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	26 0 26 0 24 0 12 0 12 0 27 0 23 0 29 0 20 0 21 9 25 5 27 0 25 5 23 0 25 5	1 1-2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 0 25 2 25 2 29 3 21 2 20 3 21 9 19 8 24 1 28 4 23 7	1 09 1 .56 0 40 0 95 0 75 0 87 0 41 1 03 2 25 3 .18 1 42 1 61 1 80 0 53 0 53	-1 3; -1 -1 .2'	0 50 0 20 0 25 0 35 0 27 0 19 6 51 0 65 1 3 \cdot 0 90 0 72 0 0 90 0 50	6 9 4 6 9 5 7 7 14 8 7 7 5 12 2 2 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	22 27 25 22 26 28 26 21 17 23 24 26 19		1 1 1 2 1 4 2 2 3	
*Anticosti, E. Pt Anticosti, S.W. Pt *Anticosti, W. Pt *Bequet *Cape Chatte *Cape Magdalen Cansapscal. Father Point Ste Anne de la Pocatiere Tadovsac	49 49 49 48 49 49 48 49 48 49 48 48 48 48	52 25 6 16 21 31 22	66 65	33 32 53 45 20 12	30 30 93 450 20 65	40 5 49 1	+68 + 04	32 31 32 32	55 0 85 0 67 0 70 0 82 0	25 26 26 16 26 26	21,0 25,0 20,0 28,0 24,0 18,0 23,0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4 44 3,26 0 39 0,36 2,23 3,09 3,43	$ \begin{array}{c ccccc} +0 & 40 \\ -2 & 1 \\ -1 & 60 \\ +0 & 60 \\ \hline +0 & 40 \end{array} $	6 0 63 1 0,13 9 0 27 8 0 60 1,24	13 8 4 11 9 10	27 20 22 22 21	2	2	4 4 8 6

TEMPERATURE AND PRECIPITATION AT SEVERO SENSITION AT SEVERO

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The Northwestern Districts Abitibi Amos Quinze Dam Temiskamung Ville Marie White Shore Lake	4	10	1 1 = = = = = = = = = = = = = = = = = =	18 17 1 1 8 1 1 8 1 1 8 1 8 1	28 27 10 27		;	
The North Shore Clarke City	50 10 66	25						
New Brunswick— Chatham Dalhousie Edmunston Fredericton Fredericton (Exp. Farm) Grand Falls Moncton Point Lepreaux St. John St. Stephen Sussez Williamsburg Woodstock	48 4 66 47 2 67 46 9 64 45 4 66 45 17 66 45 11 6 45 38 8 46 20 66	33 164 106 44 45 50 30 4 10 16 35 38 96	51 \$ - 1 8 4 4 7 3 8 4 4 7 3 8 5 1 8 7 5 2 1 2 6 4 4 7 9 8 6 7 1 3 5 6 4 4 7 9 8 6 7 1 3 5 6 4 4 7 9 8 6 7 1 3 5 6 4 4 7 9 8 6 7 1 3 5 6 8 7 1 3 5 6 7 1 3 5 6 7 1 3 5 6 7 1 3 5 6 7 1 3 5 6 7 1 3 5 7 1 3 5 7 1 3	3	26 27 27 27 27 27 27 27 27 27 27 27 27 27	25	S = x	1 25 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27
Nova Scotia— Advocate. Annapolis Antigorish Halifar Kentville. Kent dle 2) Liverpool. Middleton Nappun New Germany Parrsboro' Port Hustings	45 38 61 44 39 63 45 3 61 44 0 64 45 46 64 44 30 64 47 23 64	50 50 88 35 40 40 50	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 84 2 88 1 97 1 79 3 87	28 0 20-20 3 27 27 27 0 28 0 28 0 21 27 10 21 27	24.5 0.21 14.0 5 21 26.3 1 22 23.0 1 22 23.0 1 25 22.8 1 25 22.8 1 25 24.0 1 18.21 17.0 2 20.	0	7 26 4 17 15 1 12 15 1 12 15 1 1 14 1 1 18 2 1
Port Hastings Sable Island, E. Pt Sable Island (Main Station) Sutherland's River Sydney. Traro Truro (2) Whitehead Windsor Wolfville Yarmouth	46 10 60 45 22 63 45 25 63 45 15 61 44 59 (4	6 25 10 35 18 77 15 20 6 90 1 20	48 3 -	11 75 1 1 77 1 1 77 1 10 55 1 12 81 14 81	22 1 21 22 27 27 28 2 22 28 2 24 1 25	17 0	2 12 0 11 0 2	
P. E. ISLANO— Charlottetown. Charlottetown (Exp. Farm Hamilton. Summerside	46 14 63 46 25 63	7 75 15	4×3 F0 (35 73 (4 76)	201	$\frac{27}{26} \frac{6}{3} = \frac{4}{3} \cdot \frac{17}{2} \frac{7}{10} \frac{7}{3}$	1	
Newfoundland *Amour Point Buria. *Cape Norman Fogo. *Point Riche. Port aux Basques St. George's St John s. BBRMUDA— Prospect.	51 28 56	51 10 27 52 17 30 25 35 10 27 25 27 28 29 125	37 N = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	1 50 5 1 5 7 24 05 5 11 75	2	12 0 1 18 44 1 27 0 2 3 27 0 3 4 25 5 4 1 1 1 1 28 4 4 (C)	4	

CALLED FACULTY CO. 1 C.	\mount		AN FAL No. of	Heaviest		Amount		TALL _ Heaviest		REMARKS
STATIONS	in mohes.	Days .01	Fair Days	Fall in Month.	Date.	in inches.	No of Days	in Month	Date	
птын Солимви-										
	1 96	3	28	0 41	9					
Alkalı Lake Annis (Canos Point) Beaver Lake (Royal Oak)	1 15 1 47	9 4	22 27	0.40 0.15	9 10-25-27					
count am	1 36	5 3	26 28	0 67 0 29	26					
Denman's Island Perguson	2 09	9 8	22 23	0.39	9 26					
loldstream Lake Ioraby Island	0.68	6	25	0.21	ΰ					
Lydraulic	1 46	7	24 22	0 65	8 26					
ordan River ordan River (Beat Creek) -	1 75 2 52	8	23	0.73 1.22	26					
attle Qualicani(Fr.Cr V.1)	0.49	10	$\frac{27}{21}$	0 28 0 26	3					
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Marinda	0 88 0 96	5	$\frac{28}{26}$	0,55 9.33	7	***	i	*	4	
onjuring Creek ree Bank Ranch (Cowley)	0 48	6	25	0 15	3					
Oorenlee (Bashaw)	0 62		26	0.40	20					
rassy Lake	U 00 1 00	5	26	0.38	11					
umping Pounda. Pearl	1 08	3 5	28 16	0 63	4 23					
ethbridge	1 74 0.80	4 7	27 24	0.84 0.21	9					
vndou	11				3	1	• • · · · · · · · · · · · · · · · · · ·			
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Roycroft Ranch (Mannville Seven Persons	0 54	2 2	28 24	$\frac{0.43}{0.18}$	4	1 5		1 1	5 6	
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ASKATCHEWAN-										
Gull Lake.	0.53	3	27	0 22	10	0 6			6 4	
Gull Lake (Fks. Swift Cur. Wapashoe	$0.40 \\ 0.46$	3 4	27 27	0 24 6 21	9 5	1.5		1 1	.5 4	
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Bow Park Farm(Brantford	1)								.,	
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NiagataFul's Nipigon	2.40									
Point Clark Princeton										
Rock Chapel (Grimsby).	. 2.96		2:	0.65						
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Westminster	. 1 31	3	25	8 0.65	31					
Wierton	. 1 56	1 5	20	6 0 57	30	/			and the second	11

PRECIPITATION AT STATIONS REPORTING TAIN, SNOW, WEATHER, Δ

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STATION S	Amount in hes	No. of Days 01 or over	No of Fair Days	Hervies In Mari	17,	A LIGHT	Second Passe	Herriet Lan 10 M - th	112
Quebec-									
Kipawa Dum Lucerna Perkins Mills Quinze Dam Timiskaming	1 3d 0 15 0 48	5 2 4	25 29 27	0 7.5 0 15 0 30					
NEW BRUNSWICK-									
Point Esnuminac	0 85	3,	26	0 47	2.3	8 1)	2	0.5	
NOVA SCOTIA-									
MiltonSouth AltonWhite Ronk	0.92	₅	26 24	0 27 1 (8		2 1	1	13 46	

PRESSURE, HUMIDITY, CLOUDINESS AND WIND AT STATIONS OF THE FIRST CLASS DURING THE MONTH OF MAY, 1914.

a Barometer not reduced to sea level

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STATION	Naturation I	Latitude 23.	Longitude W.		Elevation above sea level, in feet.	Mean reduced.		Highest		Lowest	Range	Mean relative hurnidity	Mean amount of cloud.	No. of days completely clouded.	ż	IN I	- E	л. Бі		× -	Т.	N.W.	<u>.</u>	Jotal number of observations	Mean males per hour.	Maximum velocity.	Date and direc- tion from
British Columbia— Atin Barkervil'o Kamloops. @Nananno Prince Rupert Trangle Island. @Tranquille Vancouver Victoria	53 50 49 54 50 50 49	2 42 10 18 52 41 17	133 3 121 3 120 2 123 3 130 129	35' · 29 37 18 5 20 5	2240 4180 1245 125 170 680 136 85	39 (29 9 30 (30)	10 3 17 3 14 3 14 3 18 2 38 3	0 3 0 3 0 2 0 4 9 0	4 29 3 29 2 21 0 21 2 21 2 21	39 35 35 36 36 36 36 36 36 36 36 36 36 36 36 36	0 95 3 95 0 73 1 06	57 57 74 70 70 66	3	6 3 0 18 0 6	0 0 2 5 0 0 2 8	0 0 1 8 4 0 2 6	0 0 11 0 0	11 6 7 7 1 6	32 0 7 3 3 3	20 3 5 2 0 3 39	0 18 3 3 12 22 5	4 0 5 18 0 2 8	9 48 9 14 43 36 7	58 62 62 62 62 62 62 62	11 7	41	2 W
YUKON— Dawson	64	4	139	20	1200	29	se 3	0 3	4 25	26	1 08	-	6	2	4	0	1	()	5	()	ø	U	52	62			
ALBERTA— Banff	51 53	33	114 113	$\frac{2}{30}$	4542 3389 2158 2161	29 29	94 3 98 3	0 3 0 4	5 2. 5 2!) 31) 15	1 04 1 20]	61 60 52 53	5	4	10 3 4	4 2 5	6 3 5	4 13 4	3 1 4	19 0 7 18	5 8 10 9	3 23 14 6	16 9 2	62 62 62	5 9 8,6	26 27	3 NW 3 NW
SASKATCHEWAN— Battleford Moose Jaw Prince Albert Qu'Appelle Swift Current	52 50 53 50	41 21 103	108 105 106 103	20 35 ("	1620	24.1 29 29	95 3 91 3 93 3	10,4 10 5 10 4	9 29 7 2. 4 29 2 29) 17) 23) 25) 30	1.32 1.34 1.15 1.23	50 61 81 65 63	3 5 5	5 6 2	1 8 5 0 2	2 3 4 6	2 10 3 5	7 6 8 9 5	3 0 1 7 11	7 15 19 7	17 7 7 14	17 8 6 18 10	19 20 31 1 6	62 93 62 62 62	10 6 14 1	30	5 NW
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Ontario— Cochrane Haileybury Kingston & Lindsny London Ottawa	49 47 44 44 42	2 20 13 20	81 79 76 78 81	0 39 29 45 13 42	687 285 872 808	36 36 29 30	05 a 07 3 14 2 09 3	30 3 30 5 25 5 30 5	1 2: 1 2: 4 2: 5 2:	9 61 8 7 I 9 55	0 87 0,72 0 92 0 83 1 60 0 85	55 70 67 71	5 4 4	5 3 7	17 14 4 5 4 5	1 14 8 25 5	1 · · · · · · · · · · · · · · · · · · ·	2 0 5 4 31	20: 6 6 8 4 2	1 22 22 24 24 5 21	23 7 12 2 19	6 4 17 19 2	1 9 0 12 0	62 62 93 93 62	8 8 8 î	26	29 SW
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QUEBEC— Anticost: S.W. Pt Father Point. Montreal Que ec Sherbrooke.	48 45 46	30 48	68 73 71	191 35	20 187 293	30	96 3 00 3 29 3	30 4 30 4 30,4	$\frac{2}{0}$ 2!	9-61 9-61	0 95 0 73 0 79 ∈ 84	87 83 49 64	4	2	17 3 12 3	10 2 6 26	3 16 6 2	34 5 0	9 0 8 3	3 3 7 95	3 26 45 22	9	6 1 0 0	62	12 3 10 3 12 7 10 9	29 29 29 29 39	22 SE 24 W W 26 SW
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Athabasca Landin, Beaver Lodge Didsbury Hallark (Emsburg) Hillsdown Loveland Macleod Ranfurly (Waitefield Sion-	5 1 2 8 9 2		1 i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	43 1 '	e	i	8		1 · · · · · · · · · · · · · · · · · · ·
SASKATCHEWAN Brownhill (Grenfell Chaplin Crescent Lake Estevan Fort Qu'Appelle Indian Head Kamsack Larchmount (Pambrum) Muenster (St. Peter's Monastery) Onion Lake Pense (Gatesgarth) Wascea Yarbo (Pairfield)	0 3 2 0 2 7 3 0 4 1 0 2 2	6 4 5 0 9 8 6 6 8 10 1	1 2 0 6 5 2 2 6 0 0 0	2 15 8 4 11 9 3 10 6	10 1 2 7 0 1 12 3 1 1	17	14 13 13 1, 2 19 10 9 7 3	24 7 1 8 26 6 15 12 0 7 17	0 3 2 2 1 0 0 1 0	(1) (2) (3) (2) (3) (1) (2) (2) (3) (3) (3) (4) (4) (4) (5) (6) (7) (7) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9
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Ontario — Agmoourt Alton Beatrice Birnam Brucefield Cottam Guelph Gravenhurst North Bruce	1 23 6 6 3 20 4	8 0 0 5 4 6 4	13 17 3 2 5 4 10	$\frac{2}{1}$ $\frac{1}{1}$ $\frac{1}{2}$ $\frac{3}{3}$	14 3 9 16 7 24 8	26 7 6 15 15 0 6	4 36 3 5 14 4	25 6 13 16 12 1	0 0 52 6 0 0 26 	93 93 93 62 62 62 93
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Quebec— Abitibi Anticosti, Heath Point Anticosti, West Point Bicquet Brome Cape Chatte Cape Magdalen Cap Rouge Cedars Chicoutimi Clarke City	32 	2 11 24 1 9 0 5 6 10	4 7 5 1 9 1 0 2 5 5	6 0 0 0 0 3 0 1 13	12 37 9 7 4 11 0	16 16	29 10 10 10 36 5 0 3 1.	12 2 1 3 17 17 2 16	0 0 16 3 28 14 0 0	13 } 13 } 13 \$ 14 \$ 14 \$ 14 \$ 14 \$ 14 \$ 14 \$
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Nova Scotia— Kentville Liverpool Sable Island, E. Pt Whitehead	S 22	2 22 22	- 1111 -	4	3	*	5	6 s 6 3	13	+1 +1

MEAN PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY IN THE MONTH OF MAY 1914

	-2.					MAY	1914		-					-2-			
			Hours Ending														
STATION.	4 a m · 5 a m	6 a m.	7 a m.	8 a.m.	9 a m.	10 a m.	11 a m.	Noon	1 p m.	6 P III	-12 de 22	4 p.m.	5 p m.	брта.	£ 0.	S p m	op m
British Columbia																	
Shawnigan Lake		33	77	77	77	82	78	.75	81	7.7	77	.77	.36	.31	27		
Victoria		19	55	71	81	84	81	S.5	82	51	78	. 73	69	69	26	i	
Salmon Arm		35	54	60	67	68	69	63	74	72	65	. 59	. 58	53	36	.04	
Nanaimo		.37	61	61	62	71	73	.77	75	67	67	_64	61	65	29	01	
Sidney		. 48	60	.77	79	77	79	76	76	h0 ¹	75	.75	.75	46	.6.1	1	
Vancouver	.04	39	56	63	69	66	. 71	73	75	.73	69	. 65	. 66	57	22		ļ
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Tranquille	i	. 26	53	72	60	72	71	73	72	75	69	. 69	, 63	.50	42	.06	
Summerland	.10	56	69	72	70	71	72	73	71	62	63	. 58	.57	.48	27		
Kamloops																	
Harper's Ranch															 		
Invermere	.01	.31	6:;	.70	68	68	69	66	62	.58	56	.54	.47	.38	17	T	!
Alberta																	
Edmonton	.24	51	61	64	65	70	71	71	73	.64	, fu	. 62	61	. 57	35	.04	
Lethbridge	.05	49	67	.72	70	.77	74	76	.76	81	81	.83	.75	.70	52	. 22	
Lacombe	.11	52	55	67	71	7.4	73	73	.74	67	70	.68	.71	60	48	. 08	
Medicine IInt	.05	.49	67	.71	.74	.70	10	78	72	79	77	. 65	. 68	. 65	46	23	
Fort Dunvegan	1								. ,								
Fort Vermilion																	
Saskatchewan																	
Battleford		.26	64	74	.51	81	81	82	.79	.61	.82	. 83	.79	. 65	.22		
Indian Head		.17	.38	53	58	61	.67	68	.72	72	.71	.63	.58	. 51	40	.01	
Moosejaw	20	. 53	66	69	70	.75	.77	.78	.74	77	.77	.70	. 66	. 63	61	11	
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Brandon		.02	. 29	54	65	.66	68	.59	.60	55	. 61	. 59	.32	.05	23		
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Haileybury	02	.14	.61	.67	.72	77	.78	.73	.73	.70	.72	. 69	.64	.64	.21	.05	
Woodstock		.13	.57	59	. 59	.64	71	68	62	. 63	.65	.70	72				
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Cap Rouge		,30	46	63	.58	67	72	67	.70	.74	.68	62	.51	.36	.15		
Quebec		.14	.44	49	.56	59	. 64	.66	65	64	64	63	.50	.34	.03		
Ste Anne de la Pocatiere	T .28	.40	. 50	.60	.63	66	77	.72	66	.59	56	57	.47			02	
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Charlottetown		19	. 30	. 42	, 47	47	. 52	.54	. 55	49	. 52	49	.37	.32	. 20		
Nova Scotia													.	141		5,0	
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Wolfville					. 1										17	04	
Kentville		15	37	49	54	55	50	60	67	. 54	57	41	.34	29	17	.04	

SUMMARY OF SUNSHINE RECORDS

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MAY, 1914	=======================================	Trentage		141.man per	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3
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Thunder recorded:

- 1. Swan Lake, Almasippi, Springdale.
- 2. Almasippi, Deloraine, Vavenly, Boswell, Loveland, Hillsdow & Halkirk, Alix, Perbeck
- 3. Woodstock, N.B., Whitewood, Pense, Crescent Lake, Manor, Moese Jaw, Qu'Appelle, Ranfurly.
- 4. Haliburton, Bancroft, Wexford, Georgetown, Agincourt, Stoney Creek, Port Burwell, Lucknow, Dutton, Birnam, Orillia, Bloomfield, Woodstock, Hamilton, Rapid City, Wiarton, Westport, Westminster, Emsdale, Woodstock, N.B., Toronto, Port Stanley, Kingston, Lindsay, Gravenhurst.
- 5. Almasippi, Ignace, Woodstock, N.B., Deer Park, Westminster, Moose Horn Bay, Woodstock, Kingston.
- 6. Georgetown, Alton, Stoney Creek, Dutton, Birnam, Hamilton, Westminster, Woodstock, Port Stanley.

7.

- 8. Fort St. James, North Nicomen, Chilliwack,
- 9. Woodstock, N.B., Westley, Perry Siding, Fort St. James, Sydney, Sable Island.
- Quebec,
- 11. Woodstock, N.B., Tappen.
- 12. Markdale, Port Stanley, London.
- 13. Vavenby, Kelowna (Okanagan Mission), Pemberton Meadows, North Nicomen, Hope, Chilliwack.
 - 14. Shawenegan Falls, Cap Rouge, Vavenby, Crawford Bay.
 - 15. Windsor, N.S., Creston, Springdale.
 - 16. Rutherglen, Woodstock, N.B., Rapid City, Moose Horn Bay, Crescent Lake, Shoal Lake,
 - 17. Swan Lake, Almasippi, Treherne, Ninga, Rapid City.
- 18. Swan Lake, Wilmer, Westley, Perry Siding, Nakusp, Boswell, Chaplin, Saskatoon, Swift Current, Minnedosa, Winnipeg, Pekisko.
- 19. Swan Lake, Almasippi, Sioux Lookout, Ignace, Gateway. Rathmullen, Saskatoon, Moose Jaw, Qu'Appelle, Alsask, Loveland, Perbeek.
 - 20. Imperial, Burin, Campsie, Loveland, Perbeck.
 - 21. Almasippi, Timmins, Springdale, Shoal Lake.
 - 22. Lucknow.
- 23. Lakefield, Cansapscal, St. Lin, Woodstock, N.B., Markdale, Nakusp, Yellow Grass, St. Walburg, Halcyonia, Edmundston, Sable Island, Ranfurly, Loveland, Halkirk, Daysland, Perbeck, Shoal Lake,
- 24. Hillview, Morden, Almasippi, St. Alban's, Rapid City, Moose Horn Bay, Brandon, Tappen, Perry Siding, East Arrow Park, Kelowna (Okanagan Mission), North Nicomen, Manor, Edmonton, Winnipeg, Anticosti, S.W. Pt., Ranfurly, Springdale, Campsie, Shoal Lake.
- 25. Swan Lake, Treherne, St. Alban's, Madoe, Lakefield, Wexford, Lucknow, Brucefield, Birnam, Beatrice, Hillier, Rutherglen, Chapleau, Schreiber, Nipigon, Kakabeka Falls, Sioux Lookout, Ignace, Roberval, Westminster, Westport, Moose Horn Bay, Markdale, Salmon Arm (Exp. Farm), Perry Siding, East Arrow Park, Fort St. James, Saskatoon, Lloydminster, Haleyonia, Edmonton, Qu'Appelle, Minnedosa, Winnipeg, White River, Cochrane, Parry Sound, London, Lindsay, Gravenhurst, Campsie, Shoal Lake.
- 26. Peterborough, Norwood, Madoc, Lakefield, Wexford, Georgetown, Agineourt, Paris, Port Burwell, Dutton, Birnam, Rutherglen, Schreiber, Nipigon, Kakabeka Falls, Chicoutimi, Mistassini, Chicoutimi West, Tadousac, Causcapscal, Shawenegan Falls, Cap Rouge, Grand Falls, Westminster, Westport, Deer Park, Niagara Falls, Emsdale, Toronto, Minnedosa, Port Arthur, Port Stanley, Kingston, Quebec, Anticosti, S. W. Point, St. George's, Port Aux Basques, London, Gravenburst, La Malbaic.

Thunder recorded

- 27. Virden, Peterborough, Madoe, Lakefield, H. Larrot, W. Lucknow, Brucefield, Renfrew, Hillier, Bloomfield, Nipigor, Kagalan, Chicoutimi West, La Tuque, Tadousae, Shawenegaa (Falls, Huber)
 Sussex, Grand Falls, Fredericton (Exp. Farm., Davide, Point 11).

 Niagara Falls, Golden, Salmon Arm, Westley, Perry Steffing Crawford B. 14cm of Collin, Anglia, Lost River, Saskatoon, Melfort, Pense, H. 1960 to Educads: F. Medicine Hat, Port Stanley, Quebec, Anticosti, S. W. Pr. Chathare NB, Sabir 4.
- 28. Hillview, Swan Lake, Lakefield, Alton, Kababeka Falls, Ignace, Moneton Fellow Farmer, Sutherland's River, Kentville, Markdale, Fort Qu'Appere Criscont Lake II: Properior ericton, Swift Current, Moose Jaw, Minnedosa, Port Arthur, Charlottetown, Sydon Sou Island Halifax, Yarmouth, Wolfville, Springdale, Truro.
- 29. Haliburton, Wexford, Georgetown, Paris, Port Burwell, Lucknow, Bruceshall, Bosson, Boar rice, Renfrew, Rutherglen, Timmins, Kakabeka Falls, Sioux Lookout, Paristoros, Westernstein, Elas dale, Cochrane, Parry Sound, Gravenhurst.
- 30. Lakefield, Almonte, Chaplean, Brome, Woodstock, N.B., Toronto, Port Stanley, Stonecliffe, Halifax, London,
- 31. Norwood, Lakefield, Haliburton, Lucknow, Montague, Rutherglen, Montreal River, St. Lin. Lake Megantic, Huberdeau, D'Israeli, Cedars, Brome, Parrsboro', Perkins Mills, Westport, Fredericton, Kingston, Stonecliffe, Ottawa, Montreal, Quebec, Haileybury, Lindsay, Expanse Conlec, Truro.

Auroras recorded:

- 1.
 2. Winnipeg IV.
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 5. Campsic IV.
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- 10.
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- 12.
- 13. Sioux Lookout, Schreiber III.
- 14. Sioux Lookout, Sion II.
- 15. Sioux Lookout, Kakabeka Falls IV, Cape Magdalen, Moose Horn Bay IV, Ranfurly III, Beaver Lodge IV.
- 16. Morden I, Sioux Lookout, Rutherglen, Cape Magdalen, Moose Horn Bay IV, Brandon, Anglia II, Medicine Hat, Ranfurly IV, Campsie I.
 - 17. Causcapscal, Anglia II.
 - 18.
 - 19.
 - 20.
 - 2I.
 - 22.
 - 23. Morden III, Anglia II, Haileybury IV.
 - 24.
 - 25. Sion III,
 - 26. Ranfurly IV.
 - 27. St. Albans IV.
 - 28.
 - 29. Timmins.
 - 30.
 - 31.

FORECASTS FOR MAY, 1914

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of these predictions issued during the month was 1281. These were divided as follows

	No.				
District.	lssued.	No. Fully	No Fartly	No.	l'er certake
Alberta	50	61	14		
Saskatchewan	54	$C_{i,m}$	11	5	1.
Manitoba	54	61%	13	1	
Lake Superior	123	95	23	5	he tyright
Lower Lake Region	125	110	13	2	5 2
Georgian Bay	125	100	21	4	->-4
Ottawa Valley	99	50	11	8	50.4
Upper St. Lawrence	99	77	15	-	~5 I
Lower St. Lawrence	115	5.2	2.2	11	5
Gulf	116	76	23	17	75.4
Maritime Provinces West	116	55	15	10	83 L
Maritime Provinces East	115	87	17	11	53
Total	1281	992	201	44	45.3

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART, Director.

Meteorological Office, Toronto, July 22nd, 1914. a salari

